



Career Field Information

Category:

Maintenance

Unit:

102d Fighter Wing

AFSC:

2A6X1

Job Title:

Aerospace Propulsion Specialist

Equivalent Civilian Career:

Jet Engine Mechanic

Job Description / Background:

Advises, performs troubleshooting, and determines repair procedures on aircraft engines. Diagnoses and repairs malfunctions using technical publications. Solves maintenance problems by studying drawings, wiring and schematic diagrams, technical instructions, and analyzing operating characteristics of aircraft engines and propellers. Inspects, certifies, and approves completed maintenance actions.

Technical Training and School Information

School Length:

65 days

School Location:

Sheppard AFB TX

Job Qualifications / Prerequisites

Knowledge is mandatory of: mechanical, hydromechanical, electrical, and pneumatic principles applying to jet and turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste and materials. For entry into this specialty, completion of high school with courses in general science, mechanics, or mathematics is desirable.